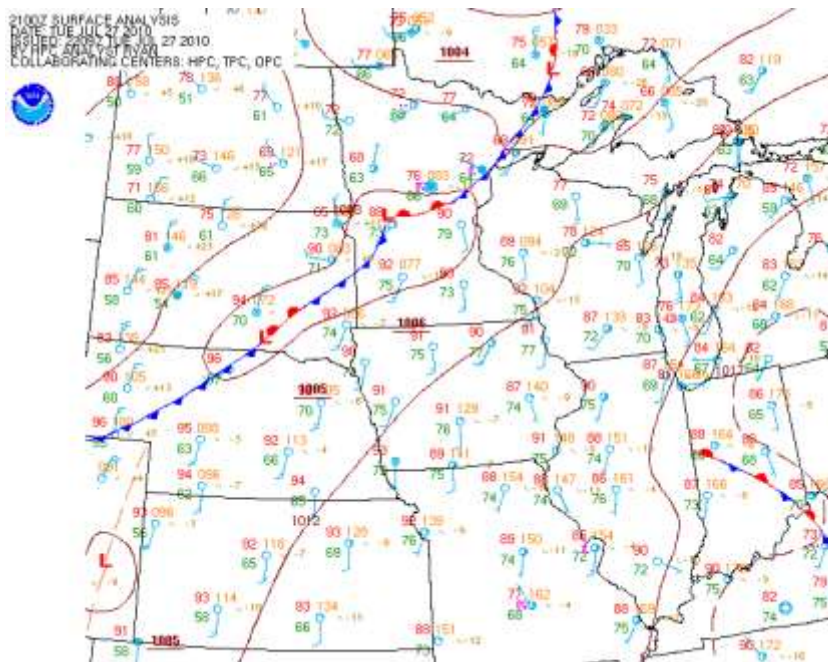


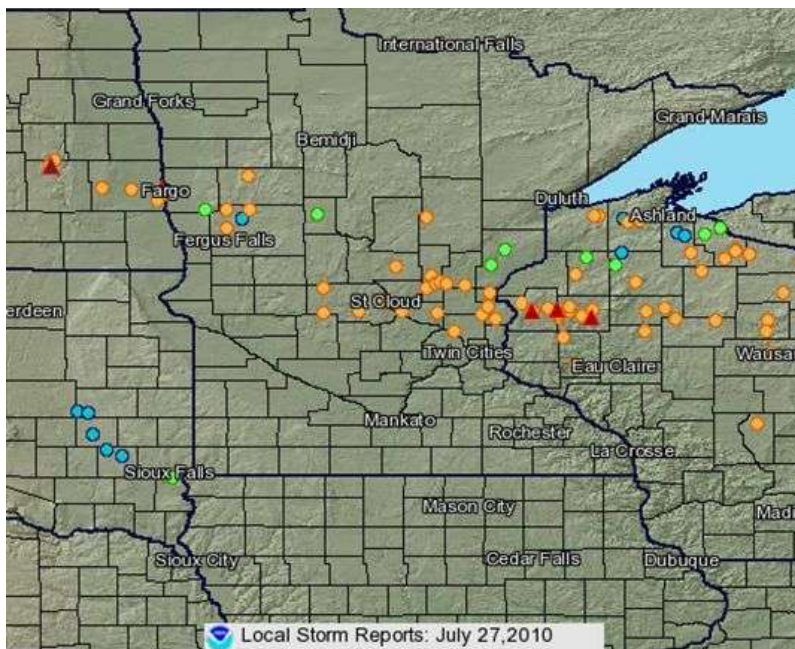
July 27, 2010: Damaging Winds Across Central Minnesota and Northwest Wisconsin

Synopsis

Thunderstorms, with winds gusting as high as 71 mph, moved through central and southern Minnesota and west central Wisconsin between 4 pm and 10 pm during the afternoon and evening of July 27th. Trees were downed in some locations due to the high winds, including brief tornadoes and downbursts. The setup was similar to the prior two weeks, with a strong westerly jet stream developing low pressure across the eastern Dakotas into Minnesota. This low shifted east during the afternoon, enhancing a warm frontal boundary across central Minnesota into northwest Wisconsin. This is where the severe thunderstorms initiated and produced most of the wind damage and locally heavy rain, before evolving south and east. To the south during the afternoon, temperatures in the 90s prevailed with dew points well into the 70s. This high amount of moisture and correlating instability, combined with the strong winds aloft in the atmosphere, set the stage for the severe thunderstorms on the 27th



Storm Reports



PRELIMINARY LOCAL STORM REPORT...SUMMARY
 NATIONAL WEATHER SERVICE TWIN CITIES/CHANHASSEN MN
 117 PM CDT FRI JUL 30 2010

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			
0450 PM 07/27/2010	TSTM WND DMG	2 W LONG PRAIRIE TODD MN	45.98N 94.90W LAW ENFORCEMENT
A FEW TREES ON POWER LINES.			
0455 PM 07/27/2010	TSTM WND GST M53.00 MPH	ALEXANDRIA DOUGLAS MN	45.87N 95.38W ASOS
MEASURED AT ALEXANDRIA AIRPORT			
0500 PM 07/27/2010	FLASH FLOOD	LONG PRAIRIE TODD MN	45.98N 94.86W EMERGENCY MNGR
STREETS FLOODED IN LONG PRAIRIE. FLOODING IN FIELDS.			
0527 PM 07/27/2010	TSTM WND GST M67.00 MPH	2 SE SAUK CENTRE STEARNS MN	45.72N 94.93W MESONET
MEASURED AT MNDOT AUTOMATED STATION AT MILE POST 128.			
0530 PM 07/27/2010	TSTM WND DMG	1 E PIERZ MORRISON MN	45.98N 94.08W LAW ENFORCEMENT
A FEW TREES DOWN ON POWER LINES			

0555 PM TSTM WND DMG RICHMOND 45.45N 94.52W
07/27/2010 STEARNS MN TRAINED SPOTTER

8 INCH DIAMETER TREE DOWN. TIME ESTIMATED.

0556 PM TSTM WND GST 3 ESE BELGRADE 45.43N 94.94W
07/27/2010 M56.00 MPH STEARNS MN MESONET

MEASURED AT MNDOT AUTOMATED WEATHER SITE ON HWY 55 /MILE
POST 98/ BY GEORGEVILLE.

0608 PM TSTM WND GST 5 E ST CLOUD 45.55N 94.07W
07/27/2010 M52.00 MPH SHERBURNE MN ASOS

MEASURED AT ST CLOUD AIRPORT.

0609 PM TSTM WND GST 8 N MILACA 45.87N 93.65W
07/27/2010 M65.00 MPH MILLE LACS MN MESONET

MEASURED BY MNDOT AUTOMATED SENSOR ON HWY 169 AT MILE
POST 200...ABOUT 8 MILES NORTH OF MILACA.

0610 PM TSTM WND DMG FORESTON 45.73N 93.71W
07/27/2010 MILLE LACS MN LAW ENFORCEMENT

A FEW TREES DOWN

0610 PM TSTM WND DMG 4 SW OGILVIE 45.79N 93.48W
07/27/2010 KANABEC MN LAW ENFORCEMENT

TREE DOWN ONTO POWER LINE AT INTERSECTION OF BEAR ST AND
130TH AVE.

0611 PM TSTM WND GST 3 NW ST CLOUD 45.58N 94.22W
07/27/2010 M71.00 MPH STEARNS MN MESONET

MEASURED BY AUTOMATED SENSOR KMNSTCL06 NEAR VETERANS GOLF
COURSE.

0611 PM TSTM WND GST SW ST CLOUD 45.55N 94.18W
07/27/2010 M53.00 MPH STEARNS MN TRAINED SPOTTER

TREE BRANCHES UP TO 5 INCHES IN DIAMETER DOWN.

0615 PM TSTM WND DMG CLEAR LAKE 45.45N 94.00W
07/27/2010 SHERBURNE MN LAW ENFORCEMENT

A FEW TREES DOWN ONTO POWER LINES

0615 PM TSTM WND DMG 3 NE MILACA 45.79N 93.61W
07/27/2010 MILLE LACS MN LAW ENFORCEMENT

A FEW TREES DOWN IN BORGHOLM TOWNSHIP

0618 PM TSTM WND GST 1 SSW ST CLOUD 45.54N 94.18W
07/27/2010 M59.00 MPH STEARNS MN TRAINED SPOTTER

0620 PM TSTM WND DMG 1 NE BOCK 45.80N 93.54W
07/27/2010 MILLE LACS MN LAW ENFORCEMENT

A FEW TREES DOWN

0620 PM TSTM WND DMG 2 SE BRUNSWICK 45.77N 93.25W
07/27/2010 KANABEC MN LAW ENFORCEMENT

TREE DOWN ON POWER LINE ON NAPLES ST BETWEEN 120TH AND
130TH AVE.

0635 PM TSTM WND DMG ZIMMERMAN 45.44N 93.59W
07/27/2010 SHERBURNE MN LAW ENFORCEMENT

A FEW TREES DOWN ON POWER LINES

0640 PM TSTM WND DMG RUSH CITY 45.68N 92.97W
07/27/2010 CHISAGO MN LAW ENFORCEMENT

TREES DOWN

0655 PM TSTM WND DMG NORTH BRANCH 45.51N 92.98W
07/27/2010 CHISAGO MN LAW ENFORCEMENT

TREES DOWN

0656 PM TSTM WND DMG 4 WNW STACY 45.42N 93.06W
07/27/2010 ISANTI MN TRAINED SPOTTER

TREE BRANCHES UP TO 5 INCHES IN DIAMETER DOWN.

0700 PM TSTM WND DMG CHISAGO CITY 45.37N 92.89W
07/27/2010 CHISAGO MN LAW ENFORCEMENT

SEVERAL TREES DOWN

0705 PM TSTM WND DMG 2 NE CUSHING 45.59N 92.62W
07/27/2010 POLK WI TRAINED SPOTTER

DAMAGE SWATH OCCURRED FROM TWO MILES NORTHEAST OF
CUSHING...EAST SOUTHEAST...TO FIVE MILES NORTHWEST OF
BALSAM LAKE. SEVEN MILE PATH WITH MAXIMUM WIDTH OF
DOWNBURSTS 400 YARDS. DAMAGE INCLUDED...LARGE TREES
SNAPPED AND UPROOTED ON NORTH SIDE OF LITTLE MIRROR LAKE
TO NEAR INTERSECTION OF COUNTY ROAD N AND 195TH STREET.
IN ADDITION ONE BARN HEAVILY DAMAGED...SILO ROOFS BLOWN
OFF...AND MANY TREES TOPPLED ALONG PATH.

0716 PM TORNADO BALSAM LAKE 45.46N 92.45W
07/27/2010 POLK WI TRAINED SPOTTER

EF-0 TORNADO TOUCHED DOWN ON THE WEST SIDE OF BALSAM LAKE
AND DISSIPATED ON THE EAST SIDE OF BALSAM LAKE. DAMAGE
INCLUDED A SMALL GROVE OF LARGE TREES COMPLETELY UPROOTED
JUST NORTH OF DOWNTOWN BALSAM LAKE. TWO GARAGES WITH EACH
SIDE BLOWN IN...ADDITIONAL LARGE TREES SNAPPED AND

UPROOTED WITH A FEW ON HOUSES...AND A SHED BLOWN OVER.
PATH LENGTH...THREE QUARTERS OF A MILE. MAXIMUM
WIDTH...200 YARDS.

0720 PM TSTM WND DMG BALSAM LAKE 45.46N 92.45W
07/27/2010 POLK WI TRAINED SPOTTER

SIGNS DOWN. GARAGE DAMAGED. TREES UP TO 5 INCHES IN
DIAMETER DOWNED IN BALSAM LAKE AREA. TIME ESTIMATED.

0725 PM TSTM WND DMG 7 N RANGE 45.50N 92.28W
07/27/2010 POLK WI TRAINED SPOTTER

LARGE PINES TREES TOPPLED.

0730 PM TSTM WND DMG HOLCOMBE 45.22N 91.12W
07/27/2010 CHIPPEWA WI TRAINED SPOTTER

MANY TREES DOWN...SOME 12 INCHES IN DIAMETER. 3 TO 4
HEALTHY TREES WERE BROKEN HALFWAY UP THE TREE. NUMEROUS
BRANCHES AND DEBRIS COVERING ROADS.

0734 PM TORNADO 2 NW TURTLE LAKE 45.41N 92.17W
07/27/2010 POLK WI TRAINED SPOTTER

EF-1 TORNADO WITH PATH LENGTH OF 3 MILES. IT DISSIPATED
ONE MILE NORTHEAST OF TURTLE LAKE IN WESTERN BARRON
COUNTY. MAXIMUM WIDTH OF 50 YARDS. DAMAGE INCLUDED...A
LARGE OUTBUILDING COMPLETELY DESTROYED ONE AND ONE HALF
MILES NORTH NORTHWEST OF TURTLE LAKE WITH DEBRIS
SCATTERED FOR HUNDREDS OF YARDS. ADDITIONAL
DAMAGE...ROOFS PEELED OFF A FEW HOMES AND SEVERAL LARGE
TREES EITHER SNAPPED OR UPROOTED.

0740 PM TSTM WND DMG 2 N TURTLE LAKE 45.42N 92.14W
07/27/2010 BARRON WI TRAINED SPOTTER

POWER LINES DOWN.

0740 PM TSTM WND DMG 2 S CUMBERLAND 45.51N 92.02W
07/27/2010 BARRON WI TRAINED SPOTTER

IN AREA AROUND INTERSECTION OF HIGHWAY P AND T...2 FT
DIAMETER PINE TREES SNAPPED OFF...HOUSE WITH ONE HALF OF
ROOF OFF...TREES DOWN ON HOUSE.

0740 PM TSTM WND DMG 6 S CUMBERLAND 45.45N 92.02W
07/27/2010 BARRON WI TRAINED SPOTTER

SEVERAL TREES DOWN UP TO 7 INCHES IN DIAMETER

0740 PM TSTM WND DMG TURTLE LAKE 45.39N 92.14W
07/27/2010 BARRON WI TRAINED SPOTTER

LARGE TREES DOWN ONTO POWER LINES NEAR INTERSECTION OF
HWY 8 AND 63. HWY 63 CLOSED DUE TO DOWNED TREES.

0745 PM TSTM WND DMG ANOKA 45.21N 93.39W
07/27/2010 ANOKA MN AMATEUR RADIO

12 INCH DIAMETER LIMB DOWN. CORRECTED EVENT TIME.

0745 PM TSTM WND DMG ANOKA 45.21N 93.39W
07/27/2010 ANOKA MN LAW ENFORCEMENT

TWO TREES DOWN ONTO POWER LINES

0750 PM TSTM WND DMG 2 E BARRON 45.40N 91.81W
07/27/2010 BARRON WI TRAINED SPOTTER

PINE TREES UP TO 8 INCHES IN DIAMETER DOWN. TIME ESTIMATED.

0750 PM TSTM WND DMG 1 W BARRON 45.40N 91.87W
07/27/2010 BARRON WI TRAINED SPOTTER

LARGE TREE TOPPLED ONTO HIGHWAY 8. POWER LINES DOWN.

0755 PM TSTM WND DMG 1 S RICE LAKE 45.48N 91.74W
07/27/2010 BARRON WI TRAINED SPOTTER

LARGE TREE DOWN ON CO RD SS.

0759 PM TORNADO 3 SSE CAMERON 45.36N 91.72W
07/27/2010 BARRON WI TRAINED SPOTTER

EF-1 TORNADO PROCEEDED SOUTHEAST ACROSS PRAIRIE LAKE...AND DISSIPATED TWO MILES NORTH OF CHETEK. PATH LENGTH OF 3.5 MILES...MAXIMUM WIDTH OF 75 YARDS. DAMAGE...NUMEROUS VERY LARGE TREES UPROOTED AND SNAPPED NEAR THE BEGINNING OF THE PATH...TO INCLUDE OVER A DOZEN LARGE PINE TREES ON THE EASTERN SHORE OF PRAIRIE LAKE. SOME OF THESE LARGE PINE TREES FELL ON A HOME. IN ADDITION...A STORAGE GARAGE LOST ITS ROOF...A TURKEY BARN LOST SOME ROOFING...AND NUMEROUS OTHER TREES UPROOTED.

0820 PM TSTM WND DMG CONNORSVILLE 45.14N 92.09W
07/27/2010 DUNN WI PUBLIC

TREE DOWN. RELAYED BY LAW ENFORCEMENT.

0820 PM TSTM WND DMG LADYSMITH 45.46N 91.10W
07/27/2010 RUSK WI LAW ENFORCEMENT

SCATTERED TREES DOWN...SOME ON POWER LINES

0825 PM TSTM WND DMG GLEN FLORA 45.50N 90.89W
07/27/2010 RUSK WI LAW ENFORCEMENT

TREE DOWN ON POWER LINES

0845 PM TSTM WND DMG 1 W HOLCOMBE 45.22N 91.14W
07/27/2010 CHIPPEWA WI LAW ENFORCEMENT

TREE DOWN ONTO POWER LINES ON CO RD M.

0845 PM	TSTM WND DMG	HOLCOMBE	45.22N 91.12W
07/27/2010		CHIPPEWA	WI TRAINED SPOTTER

NUMEROUS TREES DOWN AROUND TOWN...SOME ONTO POWER LINES

0859 PM	TSTM WND GST	MENOMONIE	44.89N 91.91W
07/27/2010	M51.00 MPH	DUNN	WI AWOS

MEASURED AT AIRPORT

0900 PM	TSTM WND DMG	4 SSW MENOMONIE	44.83N 91.95W
07/27/2010		DUNN	WI AMATEUR RADIO

3 INCH DIAMETER TREE DOWN ACROSS ROAD 1 MILE S OF IRVINGTON. TIME ESTIMATED.

1013 PM	TSTM WND GST	5 W STEELE CENTER	43.95N 93.28W
07/27/2010	M50.00 MPH	STEELE	MN MESONET

MEASURED ON INTERSTATE 35 AT MILE POST 30 BY MNDOT AUTOMATED SENSOR.

Damage Survey Results

Northwest Polk County Downbursts



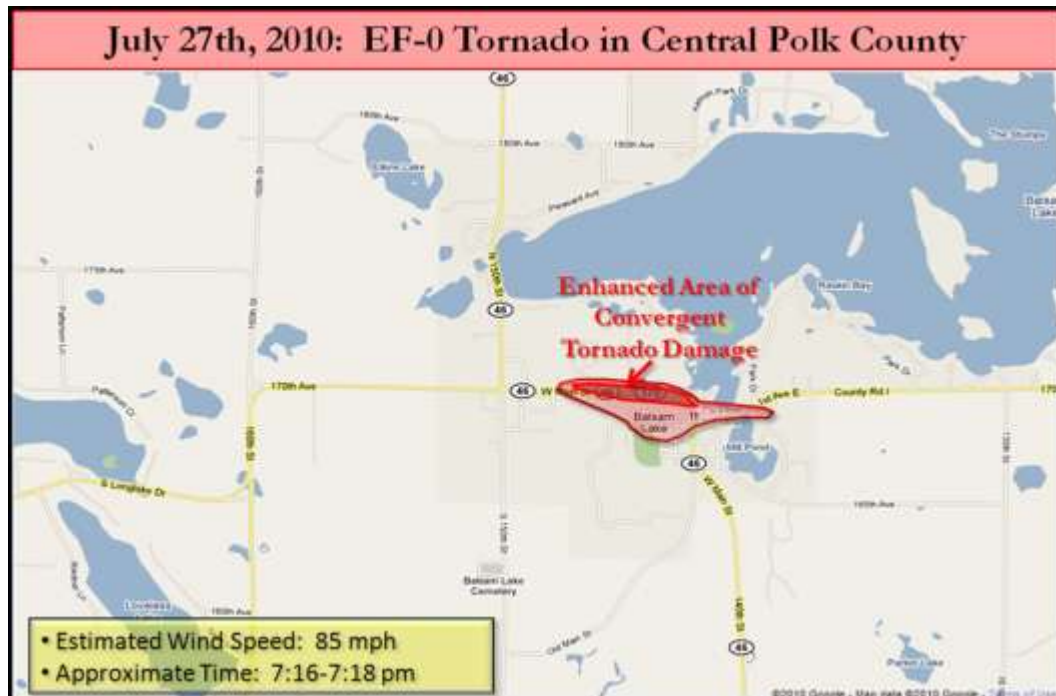
A National Weather Service storm damage survey team determined that the wind damage across northwest Polk County, Wisconsin was that of a series of downbursts. This wind damage was amongst sporadic wind damage across much of the county.

- Estimated Wind Speed: 85 to 95 mph
- Location: 2 miles northeast of Cushing, to 5 miles northwest of Balsam Lake

- Area Covered: approximately 7 miles
- Maximum width of downbursts: near 400 yards
- Timing: 7:05 PM CDT to 7:13 PM CDT

The most intense damage consisted of large trees being snapped and uprooted, with substantial branch loss on the north side of Little Mirror Lake to near the intersection of County Road N and 195th St. A few trees fell on garages and homes. One barn was heavily damaged. Silo roofs were blown off.

Central Polk County EF-0 Tornado

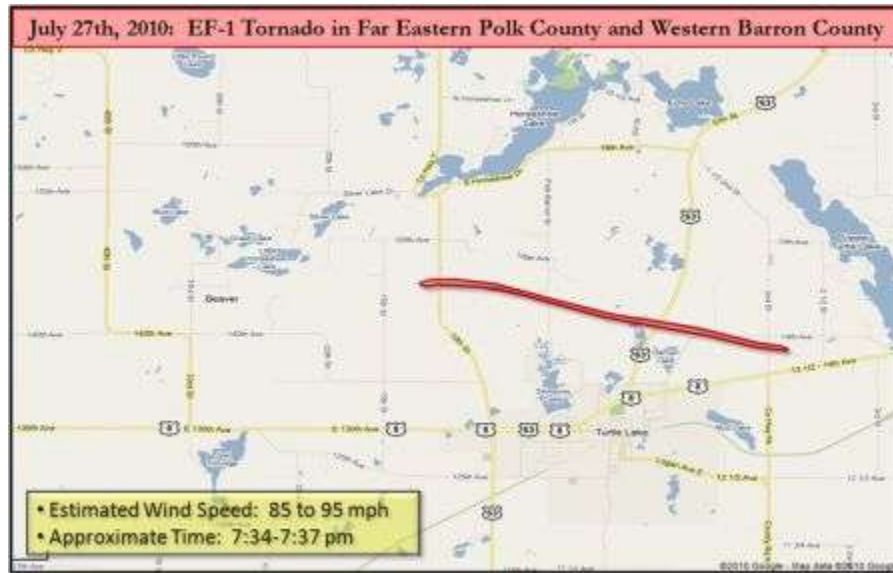


A National Weather Service storm damage survey team confirmed a tornado within the community of Balsam Lake in central Polk County, Wisconsin. The tornado was rated EF-0.

- Estimated Wind Speeds: 85 mph
- Location: Touchdown on the west side of Balsam Lake, traveling to the east side of Balsam Lake.
- Path Length: $\frac{3}{4}$ mile
- Maximum Width: 200 yards
- Time: 7:16 PM to 7:18 PM CDT

A small grove of large trees was completely uprooted just north of downtown Balsam Lake. There were 2 garages which has all sides blown in. Other large trees were snapped or uprooted, with a few ending up on houses. A shed was blown over.

Far Eastern Polk County and Western Barron County EF-1 Tornado



A National Weather Service storm damage survey team confirmed an EF-1 tornado that moved from eastern Polk County to western Barron County, Wisconsin.

- Estimated Wind Speed: 85 to 95 mph
- Location: touchdown was 1.5 miles northwest of Turtle Lake. The storm moved east-southeast across U.S. 63 before lifting 1 mile northeast of Turtle Lake
- Path Length: around 3 miles
- Maximum Width: 50 yards
- Timing: 7:34 PM to 7:37 PM CDT

A large outbuilding was completely destroyed 1.5 miles north-northwest of Turtle Lake, with debris scattered downstream for hundreds of yards. Roofs were peeled on a few homes, and several large trees were snapped and uprooted

Southeast Barron County EF-1 Tornado

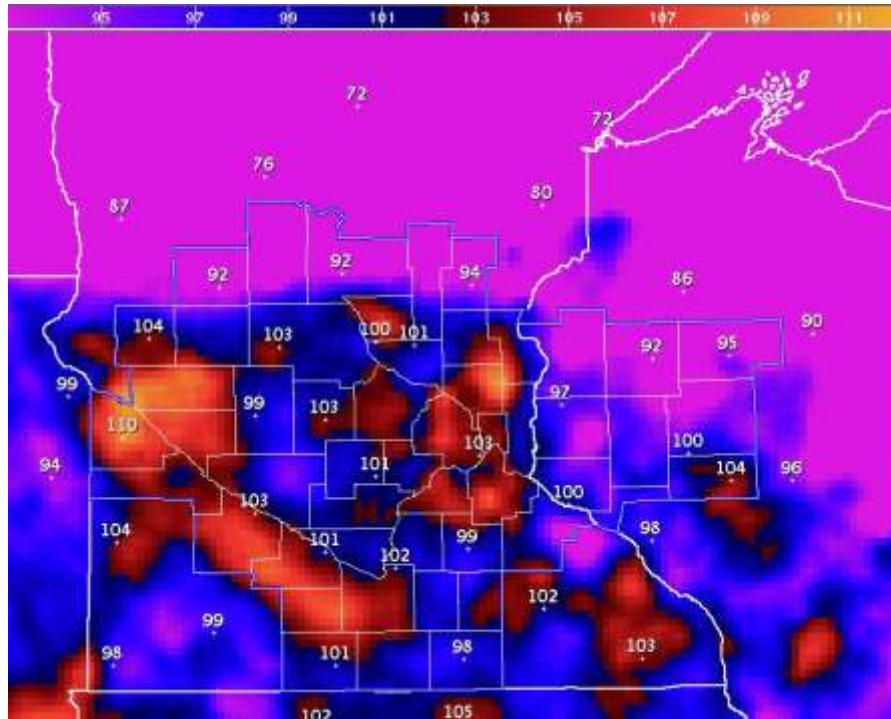


A National Weather Service storm damage survey team confirmed an EF-1 tornado over southeastern Barron County, Wisconsin.

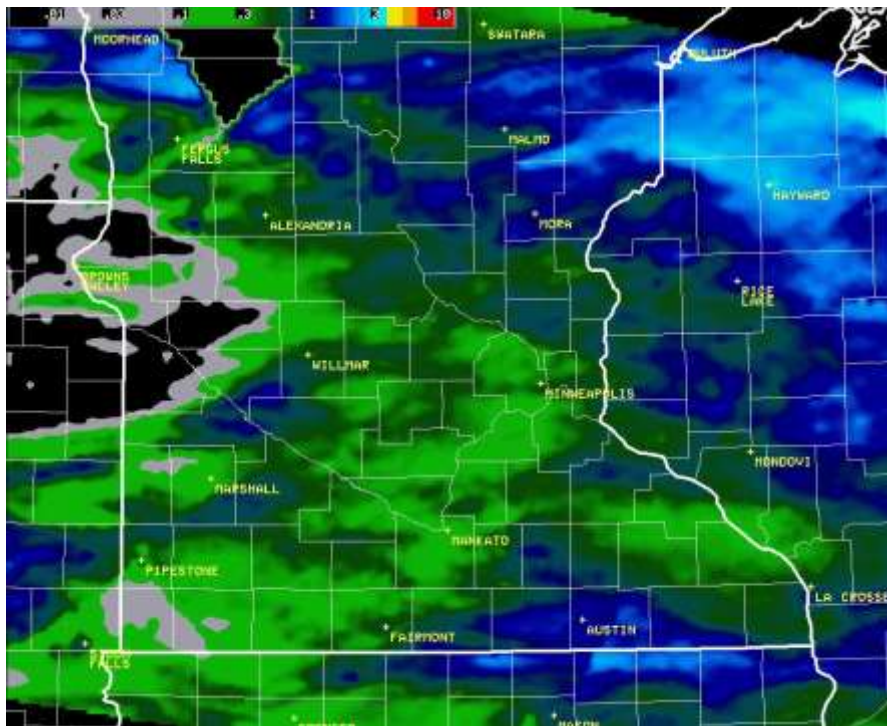
- Estimated Wind Speed: 95 to 105 mph
- Location: touchdown was 3 miles south-southeast of Cameron. The tornado traveled southeast across Prairie Lake to 2 miles north of Chetek
- Path Length: 3.5 miles
- Maximum Width: 75 yards
- Timing: 7:59 PM to 8:04 PM CDT

Numerous very large trees were uprooted and snapped near the start of the path. There were over a dozen large pine trees down on the east shore of Prairie Lake, several of which fell on a home. A storage garage lost its roof and a turkey barn lost its roof.

Maximum Heat Indices



Rainfall Amounts



MAX/MIN TEMPERATURE AND PRECIPITATION TABLE FOR
CENTRAL AND SOUTH CENTRAL MINNESOTA AND WEST CENTRAL WISCONSIN
NATIONAL WEATHER SERVICE TWIN CITIES/CHANHASSEN MN
1026 AM CDT WED JUL 28 2010

VALUES REPRESENT YESTERDAYS HIGHS...LOW OVER THE LAST 12 HOURS
AND PRECIPITATION OVER THE LAST 24 HOURS ENDING AT 6 AM LST
SNOWFALL OVER THE PAST 24 HOURS AND SNOW DEPTH AT 6 AM LST
DAILY SNOWFALL AMOUNTS AND DEPTH ARE ONLY AVAILABLE
BETWEEN OCTOBER 1 AND MAY 31

.BR MSP 0728 C DH00/TX/DH06/TAIRZP/PP

:

:

:	STATION	MAX	MIN	24-HR
:	NAME	TEMP	TEMP	PCPN
AXN :	ALEXANDRIA MN ARPT	: 86 /	60 /	0.99
EAU :	EAU CLAIRE WI AIRPORT	: 91 /	68 /	0.99
STC :	ST CLOUD MN ARPT	: 93 /	59 /	0.76
MIC :	CRYSTAL MN ARPT	: 94 /	66 /	0.35
MSP :	MINNEAPOLIS MN ARPT	: 94 /	67 /	0.20
STP :	ST PAUL MN ARPT	: 92 /	67 /	0.62
FCM :	FLYING CLOUD MN ARPT	: 94 /	67 /	0.17
RWF :	REDWOOD FALLS MN ARPT	: 94 /	64 /	0.43

.END

: COOPERATIVE OBSERVER REPORTS

: VALUES ARE FOR THE PREVIOUS 24 HOURS ENDING BETWEEN 6 AM AND

: 8 AM LOCAL TIME UNLESS OTHERWISE NOTED

: SNOW DEPTH VALUES ARE BETWEEN 6 AM AND 8 AM LST

:

:	STATION	MAX	MIN	24-HR
:	NAME	TEMP	TEMP	PCPN

:

: IN MINNESOTA

:

ADVM5	: ANDOVER 1 N	: 92 /	62 /	0.65
MN0LS2GT	: BALD EAGLE 1 SE	: M /	M /	0.58
MNSH04	: BECKER 1.8 N	: M /	M /	0.56
MNKD01	: BELGRADE 8.0 ESE	: M /	M /	0.49
MNRV05	: BIRD ISLAND 9.0 NNE	: M /	M /	0.30
BTHM5	: BLUE EARTH	: 92 /	70 /	0.64
MNAZKGSR	: BLUE EARTH 1 WNW	: M /	M /	0.60
MN0ZKCHR	: BONNIE GLEN 1 S	: M /	M /	0.48
MNAEB9FN	: BRICELYN	: M /	M /	0.81
MNILHXRH	: BROOKLYN CENTER	: M /	M /	0.43
MNLXCJOK	: BROWERVILLE 4 S	: M /	M /	1.73
BUFM5	: BUFFALO 2 NE	: 89 /	63 /	0.43
MNDK15	: BURNSVILLE 3.0 NE	: M /	M /	0.21
MNF2OABM	: CANNON CITY 2 SW	: M /	M /	0.49
CFAM5	: CANNON FALLS 2 SW	: 90 /	67 /	0.94
CLSM5	: CARLOS 3 SW	: M /	M /	0.70
MN0OWXAN	: CARNELIAN JUNCTION	: M /	M /	0.96
CRVM5	: CARVER 1 SW	: M /	M /	0.37
MNCV01	: CARVER 0.7 W	: M /	M /	0.31
MPXM5	: CHANHASSEN WFO	: 91 /	66 /	0.26

CHNM5	: CHANHASSEN 2 SW	:	M / M /	0.23
MNJVPERA	: COLD SPRING 1 NNW	:	M / M /	0.71
MNAA02	: COON RAPIDS 1.5 NNW	:	M / M /	0.53
MNWG02	: COTTAGE GROVE 0.8 NW	:	M / M /	0.26
MNRV03	: DANUBE 0.3 SE	:	M / M /	0.72
MNWR09	: DELANO 1.3 SSW	:	M / M /	0.43
MNDK12	: EAGAN 2.9 SW	:	M / M /	0.40
MNHN19	: EDINA 1.3 SW	:	M / M /	0.26
ELKM5	: ELK RIVER	:	92 / 63 /	0.62
FIRM5	: FAIRMONT	:	91 / 68 /	0.49
FBTM5	: FARIBAULT	:	92 / 62 /	0.42
ZMPM5	: FARMINGTON CWSU	:	M / M /	0.20
FORM5	: FOREST LAKE 5 NE	:	93 / 62 /	0.48
HAMM5	: HAMBURG	:	M / M /	0.54
MNGE8GDG	: HAMPTON 1 S	:	M / M /	0.32
HSTM5	: HASTINGS LOCK/DAM 2	:	91 / 70 /	0.44
MNG28BBT	: HENDERSON 1 SE	:	M / M /	0.23
HCSM5	: HUTCHINSON 1 W	:	92 / 64 /	0.21
MNDK08	: INVER GROVE HTS 2.1 N	:	M / M /	0.23
JORM5	: JORDAN 1 SSW	:	90 / 65 /	0.40
KIMM5	: KIMBALL 3 N	:	89 / 61 /	0.36
MN0GWSNW	: LAKE ELMO 3 SE	:	M / M /	0.62
MN0CW1AT	: LAKELAND SHORES 1 NE	:	M / M /	0.67
MNSC03	: LAKEVILLE 6.8 SSW	:	M / M /	0.28
MN0M81CB	: LEXINGTON 2 NNW	:	M / M /	0.23
LCHM5	: LITCHFIELD	:	91 / 63 /	0.90
LFLM5	: LITTLE FALLS	:	M / M /	2.05
MNHN06	: LONG LAKE 0.2 WSW	:	M / M /	0.33
LNGM5	: LONG PRAIRIE	:	83 / 56 /	1.95
MNLGGFTS	: LONG PRAIRIE 1 WSW	:	M / M /	1.69
MNG0GYSN	: LONSDALE 1 SSW	:	M / M /	0.33
MADM5	: MADISON	:	94 / 60 /	0.00
MKAM5	: MANKATO	:	91 / 68 /	0.11
MNBU03	: MANKATO 0.2 NNE	:	M / M /	0.10
MNBU02	: MAPLETON 3.5 N	:	M / M /	0.22
MNWG06	: MARINE ST CROIX 3.5 NW	:	M / M /	0.62
MNAES5HD	: MARNA 2 NNW	:	M / M /	0.58
MLRM5	: MELROSE	:	91 / 58 /	0.82
MLCM5	: MILACA	:	89 / 59 /	1.10
MNFS0GAM	: MILROY 1 ESE	:	M / M /	0.07
MNPM5	: MINNEAPOLIS 5 NW	:	M / M /	0.33
LSAM5	: MINNEAPOLIS LOWER ST	:	M / M /	0.40
MVDM5	: MONTEVIDEO 1 SW	:	93 / 59 /	0.22
MNCP01	: MONTEVIDEO 0.4 SSW	:	M / M /	0.13
MNRC01	: MONTGOMERY 3.2 ENE	:	M / M /	0.33
MNLS01	: MONTGOMERY 2.6 E	:	M / M /	0.41
MRAM5	: MORA	:	88 / 60 /	0.56
MGNM5	: MORGAN	:	M / M /	0.44
MRRM5	: MORRIS	:	92 / 57 /	0.17
MNG201JR	: NEW ROME 3 W	:	M / M /	0.26
MNNC02	: NEW ULM 3.1 ESE	:	M / M /	0.25
MNRM02	: NORTH SAINT PAUL 1 NNW	:	M / M /	0.23
ONMM5	: ONAMIA	:	M / M /	1.41
MNDM8BKN	: OWATONNA 4 W	:	M / M /	0.47
MNSE02	: OWATONNA 0.8 E	:	M / M /	0.56
MNDQ81MJ	: PERTH 3 NW	:	M / M /	0.23
MNSC06	: PRIOR LAKE 2.0 ESE	:	M / M /	0.24

MNSH01	: PRINCETON 3.2 WSW	:	M / M /	0.58
RDWM5	: RED WING LOCK/DAM 3	:	93 / 70 /	0.46
REWM5	: REDWOOD FALLS	:	94 / 65 /	0.49
MNGLSURA	: REDWOOD FALLS 1 SW	:	M / M /	0.44
RCEM5	: RICE	:	90 / 59 /	0.93
MN228YHJ	: RICE 3 WNW	:	M / M /	0.72
MNSR01	: RICE 1.5 WSW	:	M / M /	0.72
MNRM15	: ROSEVILLE 1.8 SW	:	M / M /	0.27
SCSM5	: ST CLOUD SCSU	:	M / M /	0.89
MNSR03	: ST CLOUD 5.4 WNW	:	M / M /	0.42
MNSR04	: ST CLOUD 4.7 W	:	M / M /	0.92
MNWR08	: ST MICHAEL 1.3 E	:	M / M /	0.32
MNRM07	: ST PAUL 3.3 WNW	:	M / M /	0.51
SPKM5	: SPRING PARK WATER	:	92 / 66 /	0.38
SFDM5	: SPRINGFIELD 1 NW	:	M / M /	0.31
MNBW01	: SPRINGFIELD 1.7 NNW	:	M / M /	0.35
MNPP02	: STARBUCK 0.3 WNW	:	M / M /	0.04
SWRM5	: STILLWATER WTP	:	M / M /	0.40
MNWG09	: STILLWATER 0.3 E	:	M / M /	0.41
VESM5	: VESTA	:	M / M /	0.47
VCTM5	: VICTORIA	:	M / M /	0.34
WACM5	: WACONIA	:	M / M /	0.36
MNF3KYL	: WARSAW 4 SE	:	M / M /	0.21
WASM5	: WASECA	:	90 / 67 /	0.46
WTTM5	: WATERTOWN	:	M / M /	0.50
WLDM5	: WILD RIVER STATE PARK	:	91 / 61 /	0.20
WMRM5	: WILLMAR 2 N	:	93 / 61 /	0.26
WNNM5	: WINNEBAGO	:	91 / 68 /	0.21
MN0DCFKP	: WOODBURY 2 WNW	:	M / M /	0.74
MN2U8HCJ	: WOODLAND 1 W	:	M / M /	2.61
ZBRM5	: ZUMBROTA	:	90 / 68 /	0.22
:	:	:	:	:
:	: IN WISCONSIN	:	:	:
:	:	:	:	:
AGSW3	: AUGUSTA RANGER STATION	:	89 / 68 /	1.62
BMRW3	: BLOOMER	:	90 / 66 /	0.96
BALW3	: BALDWIN	:	89 / 65 /	0.67
BGFW3	: BIG FALLS HYDRO	:	84 / 66 /	2.66
WIBR02	: CHETEK 2.0 SE	:	M / M /	0.66
WIDN02	: DOWNING 4.4 NNE	:	M / M /	1.22
DRDW3	: DURAND	:	92 / 69 /	0.85
ELKW3	: ELK MOUND	:	M / M /	0.60
HAMW3	: HAMMOND	:	M / M /	0.63
HOLW3	: HOLCOMBE	:	87 / 57 /	M
JIMW3	: JIM FALLS	:	89 / 67 /	0.87
LDSW3	: LADYSMITH 3 W	:	84 / 60 /	1.70
WIRS01	: LADYSMITH 2.8 WNW	:	M / M /	1.68
RILW3	: RICE LAKE	:	88 / 64 /	0.66
WIPC05	: RIVER FALLS 1.2 SSW	:	M / M /	0.65
ROBW3	: ROBERTS	:	M / M /	0.58
STAW3	: STANLEY	:	88 / 67 /	1.71

TEMPERATURE DATA REPRESENT THE HIGHEST AND LOWEST
TEMPERATURES REPORTED ON A STATIONS OBSERVATIONS
TRANSMITTED THREE TIMES AN HOUR AND MAY NOT NECESSARILY
BE THE HIGHEST OR LOWEST TEMPERATURE THAT OCCURRED AT THE

SITE. THE PRECIPITATION VALUE AT THESE SITES IS AN ESTIMATE
BASED ON THE P-GROUP IN THE OBSERVATION. SNOWFALL AND SNOW
DEPTH ARE REPORTED BETWEEN OCTOBER 1 AND MAY 31.